

logo

		MEALLEKIKKEYKLLY.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLSSEKEVKKEEKKEEPL	
NTDB id 1159	ABDM36 RS04765 WP 001166105.1	.....	0
NTDB id 1150	A1552VC RS08580 WP 001166105.1	.....	0
NTDB id 1395	DSB67 RS04445 WP 010649155.1	.....	0
NTDB id 1294	VP RS04495 WP 021449594.1	.....	0
NTDB id 1362	HI 1008 AAC22669.1	.....	0
NTDB id 1382	A4U84 RS07375 WP 062924234.1	.....	0
NTDB id 595	KW2 RS08725 WP 021037687.1	.....MEKILDKLKEYWKIM.LLVVCALIAGGIFYIFTNSPKPAETLSVEN....LSSS..STKSSVSKFNSSSSEK	65
NTDB id 521	SMSK321 RS04960 WP 000443804.1	.....MESIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLSSEKDVKKKEEKKEEPL	69
NTDB id 493	SM12261 RS04300 WP 000387351.1	.....MEAIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLSSEKEVKKEEKKEEPL	69
NTDB id 263	KZH43 RS04195 WP 000387330.1	.....MEAIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLVSEKEVNKEEKKEEPL	69
NTDB id 222	SPD RS04535 WP 000387330.1	.....MEAIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLVSEKEVNKEEKKEEPL	69
NTDB id 188	SPR RS04295 WP 000387330.1	.....MEAIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLVSEKEVNKEEKKEEPL	69
NTDB id 153	SP RS04730 WP 000387344.1	.....MEAIIEKIKKEYKIIV.ICTGLGLLVGGFFLLKPAAPQTPVKETNLQAE...VVAISKDLSSEKEVKKEEKKEEPL	69
NTDB id 1069	ABD1 RS03060 WP 043960841.1	.....	0
NTDB id 1041	HON27 RS14740 WP 005124713.1	.....	0
NTDB id 105	BSU 25590 NP 390437.1	.....MNWLNQHKKAIILAASAAVFTAIMIFLATG....KNKE....PVKQAVPTE....TENTVVKQEANNDE	57
NTDB id 36	MW RS08230 WP 001793467.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLKVEDVQVKDGDNSK	80
NTDB id 20	SA RS08005 WP 001802022.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENSSLKLEDVQVKDGDNSK	80
NTDB id 1014	ACIAD RS13855 WP 004924483.1	.....	0
NTDB id 1127	NGFG RS10560 WP 003703428.1	.....MSRGGATP	8
NTDB id 1126	NGFG RS09375 WP 003703428.1	.....MSRGGATP	8
NTDB id 1125	NGFG RS07215 WP 003703428.1	.....MSRGGATP	8
NTDB id 1108	NGFG RS06525 WP 003703428.1	.....MSRGGATP	8
NTDB id 123068	CJM129 RS00050 WP 052797075.1	.....	0
NTDB id 1242	Cj0011c YP 002343483.1	.....	0
consensus			

logo

ERD...LLV...DYK...GAVK...SPG...Y...L...TY...SR...V...ND...AV...Q...KAGGL...TEQAD...K...SL...NL...K...K...L...S...P...E...CL...
...R...D...T...G...E...L...L...R...H...I...A...R...C...G...L...L...F...A...T...L...K...G...K...
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NTDB id 1159	ABDM36	RS04765	WP	001166105.1MQIKTKI	V	T	.	L	F	L	S	L	C	L	P	T	I	P	L	L	A	N	A	E	..	E	T	A	P	A	A	32																																																
NTDB id 1150	A1552VC	RS08580	WP	001166105.1	.....MQIKTKI	V	T	.	L	F	L	S	L	C	L	....	P	T	I	P	L	L	A	N	A	E	..	E	T	A	P	A	A	32																																																
NTDB id 1395	DSB67	RS04445	WP	010649155.1	.....M	K	.	W	M	L	T	L	C	L	....	L	I	L	A	P	M	S	W	A	E	...	T	K	T	K	A		24																																																	
NTDB id 1294	VP	RS04495	WP	021449594.1	.....M	K	.	W	L	T	L	C	L	....	V	V	F	A	P	L	S	L	A	A	....	D	T	K	A		23																																																			
NTDB id 1362	HI	1008	AAC22669.1	.....M	K	T	L	.	F	.	T	S	V	V	L	C	G	....	A	L	V	S	S	S	F	A	E	..	E	K	A	T	X	Q	28																																															
NTDB id 1382	A4U84	RS07375	WP	062924234.1	.....M	K	K	L	S	R	Y	.	T	F	S	L	L	F	G	....	L	F	S	A	T	T	F	A	E	..	E	K	V	T	T	29																																														
NTDB id 595	KW2	RS08725	WP	021037687.1	N	K	N	E	I	M	V	D	L	K	G	A	V	A	K	P	N	V	Y	Q	I	S	S	D	E	R	L	V	D	L	I	R	Q	A	G	G	F	T	D	Q	A	D	Q	K	S	I	N	I	S	A	K	I	K	D	E	E	V	I	Y	V	P	K	V	G	E	S	S	S	S	E	S	T	D	S	P	.	140
NTDB id 521	SMSK321	RS04960	WP	000443804.1	E	Q	D	L	I	T	V	D	V	K	G	A	V	K	S	P	G	I	Y	D	L	S	V	G	S	R	V	N	D	A	V	Q	K	A	G	G	L	T	E	Q	A	D	S	K	S	L	N	L	A	Q	K	V	S	D	E	A	L	V	Y	V	P	T	K	G	E	E	S	A	S	Q	H	T	G	S	G	.	144
NTDB id 493	SM12261	RS04300	WP	000387351.1	E	Q	D	L	I	T	V	D	V	K	G	A	V	K	S	P	G	I	Y	D	L	P	V	G	S	R	V	N	D	A	V	Q	K	A	G	G	L	T	E	Q	A	D	S	K	S	L	N	L	A	Q	K	V	S	D	E	A	L	V	Y	V	P	T	K	G	E	E	A	S	Q	Q	A	G	P	G	.	144	
NTDB id 263	KZH43	RS04195	WP	000387330.1	E	Q	D	L	I	T	V	D	V	K	G	A	V	K	S	P	G	I	Y	D	L	P	V	G	S	R	V	N	D	A	V	Q	K	A	G	G	L	T	E	Q	A	D	S	K	S	L	N	L	A	Q	K	V	S	D	E	A	L	V	Y	V	P	T	K	G	E	E	A	V	S	Q	Q	T	G	L	G	.	144
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NTDB id 188	SPR	RS04295	WP	000387330.1	E	Q	D	L	I	T	V	D	V	K	G	A	V	K	S	P	G	I	Y	D	L	P	V	G	S	R	V	N	D	A	V	Q	K	A	G	G	L	T	E	Q	A	D	S	K	S	L	N	L	A	Q	K	V	S	D	E	A	L	V	Y	V	P	T	K	G	E	E	A	V	S	Q	Q	T	G	L	G	.	144
NTDB id 153	SP	RS04730	WP	000387344.1	E	Q	D	L	I	T	V	D	V	K	G	A	V	K	S	P	G	I	Y	D	L	P	V	G	S	R	V	N	D	A	V	Q	K	A	G	G	L	T	E	Q	A	D	S	K	S	L	N	L	A	Q	K	V	S	D	E	A	L	V	Y	V	P	T	K	G	E	E	A	V	S	Q	Q	T	G	S	G	.	144
NTDB id 1069	ABD1	RS03060	WP	043960841.1M	Q	Y	S	M	R	F	W	K	N	K	Y	F	V	L	I	M	L	C	L	G	V	I	S	P	S	V	C	A	Q	S	F	D	Q	N	F	Q	E	W	K	V	K	Q		43																																
NTDB id 1041	HON27	RS14740	WP	005124713.1M	Q	Y	S	M	R	F	W	K	N	K	Y	F	L	L	I	M	L	C	L	G	V	I	S	P	S	V	C	A	Q	S	F	D	Q	N	F	Q	E	W	K	A	K	Q		43																																
NTDB id 105	BSU	25590	NP	390437.1	S	N	E	T	I	V	I	D	I	K	G	A	V	Q	H	P	G	V	Y	E	M	R	T	G	D	R	V	S	Q	A	I	E	K	A	G	G	T	S	E	Q	A	D	E	A	Q	V	N	L	A	E	I	L	Q	D	G	T	V	V	Y	I	P	K	K	G	E	E	T	A	V	Q	Q	128				
NTDB id 36	MW	RS08230	WP	001793467.1	N	K	G	P	V	Y	V	D	V	K	G	A	V	K	H	P	N	V	Y	K	M	T	S	K	D	R	V	V	D	L	L	D	K	A	Q	.	L	L	E	D	A	D	V	S	Q	I	N	L	S	E	K	L	T	D	Q	K	M	I	F	I	P	H	K	G	Q		144									
NTDB id 20	SA	RS08005	WP	001802022.1	N	K	G	P	V	Y	V	D	V	K	G	A	V	K	H	P	N	V	Y	K	M	T	S	K	D	R	V	V	D	L	L	D	K	A	Q	.	L	L	D	D	A	D	V	S	R	I	N	L	S	E	K	L	T	D	Q	K	M	I	F	I	P	H	K	G	Q		144									
NTDB id 1014	ACIAD	RS13855	WP	004924483.1M	S	I	R	H	F	F	T	F	F	W	A	T	L	L	T	L	F	S	M	Q	I	V	F	A	Q	G	F	D	Q	Q	Y	D	A	W	K	T	Q	Q		39																																		
NTDB id 1127	NGFG	RS10560	WP	003703428.1	...Y	R	F	L	L	I	R	H	I	V	A	R	C	G	L	L	F	A	T	L	K	G	K	T	M	K	K	M	F	V	L	F	C	M	L	F	44																																						
NTDB id 1126	NGFG	RS09375	WP	003703428.1	...Y	R	F	L	L	I	R	H	I	V	A	R	C	G	L	L	F	A	T	L	K	G	K	T	M	K	K	M	F	V	L	F	C	M	L	F	44																																						
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NTDB id 123068	CJM129	RS00050	WP	052797075.1M	K	K	L	L	F	L	F	F	A	10																																																																	
NTDB id 1242	Cj0011c	YP	002343483.1M	K	K	L	L	F	L	F	F	A	10																																																																		

consensus

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logo



NTDB id 1159 ABDM36 RS04765 WP 001166105.1	GEATVVRNNAARILLI.....	103
NTDB id 1150 A1552VC RS08580 WP 001166105.1	GEATVVRNNAARILLI.....	103
NTDB id 1395 DSB67 RS04445 WP 010649155.1	GEATVRKNEDRILLI.....	95
NTDB id 1294 VP RS04495 WP 021449594.1	GEATIKKNEDRILLI.....	94
NTDB id 1362 HI 1008 AAC22669.1	GKATLEKNRDRIF.....	112
NTDB id 1382 A4U84 RS07375 WP 062924234.1	GKATLEKNRDCIVIE.....	113
NTDB id 595 KW2 RS08725 WP 021037687.1	GDKTLEKLNKDEISID.....	218
NTDB id 521 SMSK321 RS04960 WP 000443804.1	GAKTIEKLNKDYVTVD.....	216
NTDB id 493 SM12261 RS04300 WP 000387351.1	GAKTIEKLNKDYVTVD.....	216
NTDB id 263 KZH43 RS04195 WP 000387330.1	GGKTIEKLNKDYVTVD.....	216
NTDB id 222 SPD RS04535 WP 000387330.1	GGKTIEKLNKDYVTVD.....	216
NTDB id 188 SPR RS04295 WP 000387330.1	GGKTIEKLNKDYVTVD.....	216
NTDB id 153 SP RS04730 WP 000387344.1	GGKTIEKLNKDYVTVD.....	216
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NTDB id 1041 HON27 RS14740 WP 005124713.1	GPAIFEKNNKSRILAL.....	136
NTDB id 105 BSU 25590 NP 390437.1	GEKSFEEKIKSSITVK.....	205
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NTDB id 20 SA RS08005 WP 001802022.1	GSKTFDKLKSIFTI.....	228
NTDB id 1014 ACIAD RS13855 WP 004924483.1	GPKFIEKLNDRILAI.....	128
NTDB id 1127 NGFG RS10560 WP 003703428.1	GPAVLAQLKLDQASVGAPAPKGPVLPVAVKK	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	GPAVLAQLKLDQASVGAPAPKGPVLPVAVKK	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	GPAVLAQLKLDQASVGAPAPKGPVLPVAVKK	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	GPAVLAQLKLDQASVGAPAPKGPVLPVAVKK	131
NTDB id 123068 CJM129 RS00050 WP 052797075.1	GDKLFEEKIKNDITIE.....	79
NTDB id 1242 Cj0011c YP 002343483.1	GDKLFEEKIKNDITIE.....	79
consensus	! ***** **	

- X non conserved
- X similar
- X ≥ 50% conserved